

WHAT IS CLAIMED IS:

1. A method for writing a definition of extended copy control information (ExCCI) in a language, the language comprising elements having data, and further comprising attributes associated with an element, wherein an attribute can have an associated value, the ExCCI including indicators, the method comprising
using the attributes to represent a substantial amount of the ExCCI indicators to define a schema of ExCCI in the language; and
using the schema to create an ExCCI definition wherein the ExCCI indicators are assigned values.
2. The method of claim 1, wherein a given indicator is associated with a default value, the method further comprising
determining that the given indicator is not assigned a value; and
assigning a predetermined default value to the given indicator.
3. The method of claim 1, wherein the definition includes Copy Control Information (CCI).
4. The method of claim 1, wherein the language includes Extensible Markup Language (XML).
5. The method of claim 1, wherein the language includes Extensible Rights Markup Language (XrML).
6. The method of claim 5, further comprising
defining one or more extensions.
7. The method of claim 1, wherein the language includes Open Digital Rights Language (ODRL).
8. The method of claim 7, further comprising
defining one or more extensions as one or more of "Duplicate," "Move," "Pause," or "Give" permissions; or one or more of "Format," "Quality" or "Protection" constraints.

9. The method of claim 1, wherein the language includes Open Mobile Alliance (OMA) Rights Expression Language (REL).
10. The method of claim 9, further comprising
defining one or more extensions as one or more of "Duplicate," "Move," "Pause," or "Give" permissions; or one or more of "Format," "Quality" or "Protection" constraints.
11. The method of claim 1, wherein ExCCI indicator names are used for attribute names, and wherein ExCCI value are represented by attribute values.
12. The method of claim 11, wherein ExCCI indicator name abbreviations are used.
13. An apparatus for writing a definition of extended copy control information (ExCCI) in a language, the language comprising elements having data, and further comprising attributes associated with an element, wherein an attribute can have an associated value, the ExCCI including indicators, the apparatus comprising
a processor for executing instructions stored in a computer-readable medium;
one or more instructions for using the attributes to represent a substantial amount of the ExCCI indicators to define an element in a schema of ExCCI in the language; and
one or more instructions for using elements to represent a substantial amount of the ExCCI indicators to define a schema of ExCCI in the language; and
one or more instructions for using the schema to create an ExCCI definition wherein the ExCCI indicators are assigned values of the elements and the attributes.
14. A computer-readable medium including instructions for writing a definition of extended copy control information (ExCCI) in a language, the language comprising elements having data, and further comprising attributes associated with an element, wherein an attribute can have an associated value, the ExCCI including indicators, the computer-readable medium including
one or more instructions for using the attributes to represent a substantial amount of the ExCCI indicators to define a schema of ExCCI in the language;

one or more instructions for using elements to represent a substantial amount of the ExCCI indicators to define a schema of ExCCI in the language; and

one or more instructions for using the schema to create an ExCCI definition wherein the ExCCI indicators are assigned values of the elements and the attributes.